

Online Supplemental Materials for: Children's social referencing reflects sensitivity to
uncertainty

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Table 1

Predictor estimates with standard errors and significance information for a linear mixed-effects model predicting social referencing in Experiment 2. Parentheticals indicate the reference level for dummy-coded variables.

Predictor	Estimate	Std. Error	<i>t</i> value	<i>p</i> value	
Intercept	0.14	0.06	2.62	0.01	**
Trial type(FN)	-0.09	0.07	-1.27	0.21	
Trial type(NN)	-0.02	0.08	-0.29	0.77	
Age	0.00	0.01	0.27	0.79	
Gaze(Y)	-0.01	0.08	-0.09	0.93	
Phase(Label)	1.36	0.07	18.71	< .001	***
Phase(Planning)	-0.11	0.07	-1.54	0.12	
Phase(Response)	0.10	0.07	1.38	0.17	
Trial type(FN) * Age	-0.01	0.01	-0.80	0.43	
Trial type(NN) * Age	-0.01	0.01	-0.66	0.51	
Trial type(FN) * Gaze	0.08	0.10	0.77	0.44	
Trial type(NN) * Gaze	-0.01	0.11	-0.10	0.92	
Age * Gaze	-0.00	0.01	-0.35	0.72	
Trial type(FN) * Phase(Label)	0.02	0.10	0.24	0.81	
Trial type(NN) * Phase(Label)	-0.02	0.10	-0.23	0.82	
Trial type(FN) * Phase(Planning)	0.21	0.10	2.01	0.04	*
Trial type(NN) * Phase(Planning)	0.28	0.10	2.77	0.01	**
Trial type(FN) * Phase(Response)	0.53	0.10	5.09	< .001	***
Trial type(NN) * Phase(Response)	0.68	0.10	6.52	< .001	***
Age * Phase(Label)	0.02	0.01	2.07	0.04	*

Age * Phase(Planning)	-0.00	0.01	-0.31	0.76	
Age * Phase(Response)	-0.00	0.01	-0.09	0.93	
Gaze * Phase(Label)	-0.06	0.10	-0.59	0.56	
Gaze * Phase(Planning)	-0.00	0.10	-0.00	1	
Gaze * Phase(Response)	0.08	0.10	0.79	0.43	
Trial type(FN) * Age * Gaze	0.01	0.02	0.46	0.65	
Trial type(NN) * Age * Gaze	0.01	0.02	0.49	0.62	
Trial type(FN) * Age * Phase(Label)	0.01	0.02	0.73	0.47	
Trial type(NN) * Age * Phase(Label)	-0.00	0.02	-0.19	0.85	
Trial type(FN) * Age * Phase(Planning)	-0.00	0.02	-0.04	0.96	
Trial type(NN) * Age * Phase(Planning)	0.01	0.02	0.78	0.43	
Trial type(FN) * Age * Phase(Response)	0.02	0.02	1.14	0.25	
Trial type(NN) * Age * Phase(Response)	0.02	0.02	1.37	0.17	
Trial type(FN) * Gaze * Phase(Label)	-0.05	0.15	-0.32	0.75	
Trial type(NN) * Gaze * Phase(Label)	0.05	0.15	0.32	0.75	
Trial type(FN) * Gaze * Phase(Planning)	-0.20	0.15	-1.35	0.18	
Trial type(NN) * Gaze * Phase(Planning)	-0.23	0.15	-1.61	0.11	
Trial type(FN) * Gaze * Phase(Response)	-0.43	0.15	-2.97	0	**
Trial type(NN) * Gaze * Phase(Response)	-0.14	0.15	-0.96	0.34	
Age * Gaze * Phase(Label)	-0.02	0.02	-1.14	0.26	
Age * Gaze * Phase(Planning)	0.01	0.02	0.45	0.65	
Age * Gaze * Phase(Response)	-0.00	0.02	-0.18	0.86	
Trial type(FN) * Age * Gaze * Phase(Label)	-0.01	0.02	-0.41	0.68	
Trial type(NN) * Age * Gaze * Phase(Label)	0.01	0.02	0.47	0.64	
Trial type(FN) * Age * Gaze * Phase(Planning)	-0.00	0.02	-0.07	0.94	
Trial type(NN) * Age * Gaze * Phase(Planning)	-0.02	0.02	-0.64	0.52	
Trial type(FN) * Age * Gaze * Phase(Response)	-0.04	0.02	-1.64	0.1	

Trial type(NN) * Age * Gaze * Phase(Response)	-0.05	0.02	-1.94	0.05	.
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Table 2

Predictor estimates with standard errors and significance information for a linear mixed-effects model predicting social referencing in the label phase in Experiment 1.

Parentheticals indicate the reference level for dummy-coded variables.

Predictor	Estimate	Std. Error	<i>t</i> value	<i>p</i> value	
Intercept	1.40	0.06	22.70	< .001	***
Num objects (2)	-0.07	0.06	-1.14	0.25	
Familiarity (N)	0.06	0.06	0.90	0.37	
Age	0.01	0.00	1.88	0.06	.
Num objects (2) * Familiarity (N)	-0.07	0.09	-0.78	0.43	
Num objects (2) * Age	-0.01	0.00	-1.37	0.17	
Familiarity (N) * Age	-0.01	0.00	-1.10	0.27	
Num objects (2) * Familiarity (N) * Age	-0.00	0.01	-0.49	0.63	

Table 3

Predictor estimates with standard errors and significance information for a linear mixed-effects model predicting social referencing in the slide phase in Experiment 1.

Parentheticals indicate the reference level for dummy-coded variables.

Predictor	Estimate	Std. Error	<i>t</i> value	<i>p</i> value	
Intercept	0.12	0.02	5.00	< .001	***
Num objects (2)	0.02	0.03	0.54	0.59	
Familiarity (N)	0.04	0.03	1.38	0.17	
Age	-0.00	0.00	-0.44	0.66	
Num objects (2) * Familiarity (N)	-0.07	0.04	-1.69	0.09	.
Num objects (2) * Age	0.00	0.00	0.21	0.83	
Familiarity (N) * Age	-0.00	0.00	-0.19	0.85	
Num objects (2) * Familiarity (N) * Age	-0.00	0.00	-0.82	0.41	

Table 4

Predictor estimates with standard errors and significance information for a linear mixed-effects model predicting social referencing in the planning phase in Experiment 1.

Parentheticals indicate the reference level for dummy-coded variables.

Predictor	Estimate	Std. Error	<i>t</i> value	<i>p</i> value	
Intercept	0.04	0.02	1.48	0.14	
Num objects (2)	0.01	0.04	0.16	0.87	
Familiarity (N)	0.00	0.03	0.11	0.91	
Age	-0.00	0.00	-0.95	0.34	
Num objects (2) * Familiarity (N)	0.21	0.05	4.37	< .001	***
Num objects (2) * Age	0.00	0.00	0.54	0.59	
Familiarity (N) * Age	0.00	0.00	0.73	0.47	
Num objects (2) * Familiarity (N) * Age	0.01	0.00	1.40	0.16	

Table 5

Predictor estimates with standard errors and significance information for a linear mixed-effects model predicting social referencing in the slide phase in Experiment 1.

Parentheticals indicate the reference level for dummy-coded variables.

Predictor	Estimate	Std. Error	<i>t</i> value	<i>p</i> value	
Intercept	0.22	0.04	5.16	< .001	***
Num objects (2)	0.06	0.06	0.96	0.34	
Familiarity (N)	0.02	0.05	0.34	0.73	
Age	-0.00	0.00	-0.22	0.83	
Num objects (2) * Familiarity (N)	0.60	0.08	7.97	< .001	***
Num objects (2) * Age	0.00	0.00	0.81	0.42	
Familiarity (N) * Age	0.00	0.00	0.59	0.55	
Num objects (2) * Familiarity (N) * Age	0.01	0.01	1.24	0.22	

Table 6

Predictor estimates with standard errors and significance information for a linear mixed-effects model predicting social referencing based on accuracy in Experiment 1.

Parentheticals indicate the reference level for dummy-coded variables.

Predictor	Estimate	Std. Error	<i>t</i> value	<i>p</i> value	
Intercept	1.07	0.09	11.97	< .001	***
Acc(Y)	0.42	0.09	4.61	< .001	***
Age	0.03	0.01	2.26	0.02	*
Phase(Label)	-0.86	0.12	-7.19	< .001	***
Phase(Planning)	0.35	0.12	2.88	0	**
Phase(Response)	-0.96	0.12	-8.00	< .001	***
Acc(Y) * Age	-0.02	0.01	-1.39	0.16	
Acc(Y) * Phase(Label)	-0.58	0.12	-4.64	< .001	***
Acc(Y) * Phase(Planning)	-1.40	0.12	-11.28	< .001	***
Acc(Y) * Phase(Response)	-0.41	0.12	-3.31	< .001	***
Age * Phase(Label)	-0.02	0.02	-0.91	0.36	
Age * Phase(Planning)	-0.02	0.02	-0.93	0.35	
Age * Phase(Response)	-0.04	0.02	-1.90	0.06	.
Acc(Y) * Age * Phase(Label)	0.00	0.02	0.16	0.87	
Acc(Y) * Age * Phase(Planning)	-0.00	0.02	-0.09	0.93	
Acc(Y) * Age * Phase(Response)	0.02	0.02	1.16	0.25	